

CLAIMS:

1. Semi-automatic system for the manufacture of large electrical induction coils essentially characterised in that it has a pressure head **2** and **4** mounted on a support **3** around which it pivots, and which has a set of vertical wheels **10** and a horizontal wheel **11** which work on the conductor to be coiled so that the turns are perfectly formed without the need to involve manual work thereon.
2. Semi-automatic system for the manufacture of large electrical induction coils, according to the first claim, characterised in that the action of the feeder **5** avoids traction tensions in the conductor to be coiled, thus avoiding the risk of stretching thereof.
3. Semi-automatic system for the manufacture of large electrical induction coils, according to the preceding claims, characterised in that the previously programmed command of the control unit **8** is transmitted to the hydraulic parts **12** which maintain the right pressure on the vertical **10** and horizontal **11** wheels, in such a way that the pressing process is avoided as each of the turns of the coil are correctly positioned.
4. Semi-automatic system for the manufacture of large electrical induction coils, according to the preceding claims, characterised in that by means of the previously programmed command in the control unit **8** both the shape of the coil and the number of turns placed in each of the layers that form it is provided, with the position of the

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horizontal wheel **11** of the head **2** supervising said system so that, should it deviate from the expected theoretical value, padding may be used if necessary to provide the previously programmed shape.